

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number		09879480
Filing Date		2001-06-12
First Named Inventor	Jack C. Whittier	
Art Unit	1634	
Examiner Name	Carla J. Myers	
Attorney Docket Number	HrdMgmtCIP	

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	6328071		2001-12-11	Austin	
	2	6698627		2004-03-02	Garcia et al.	
	3	6729369		2004-04-04	Neas et al.	
	4	6752298		2004-06-22	Garcia et al.	
	5	6761286		2004-07-13	Py et al.	
	6	6761288		2004-07-13	Garcia	
	7	6789706		2004-09-14	Abergel et al.	
	8	6789759		2004-09-14	Heldt	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		09879480
Filing Date		2001-06-12
First Named Inventor	Jack C. Whittier	
Art Unit		1634
Examiner Name	Carla J. Myers	
Attorney Docket Number		HrdMgmtCIP

	9	6793387		2004-09-21	Neas et al.	
	10	4796788		1989-01-10	Bond	
	11	5492534		1996-02-20	Atheyde	
	12	5665315		1997-09-09	Robert et al.	
	13	5690815		1997-11-25	Krasnoff et al.	
	14	5799830		1988-09-01	Carroll et al.	
	15	5893843		1999-04-13	Rodrigues Claro	
	16	5919360		1999-07-06	Contaxis, III et al.	
	17	6495366		2002-12-17	Briggs	
	18	6086574		2000-07-11	Carroll et al.	
	19	4573796		1986-03-04	Martin	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	09879480
Filing Date	2001-06-12
First Named Inventor	Jack C. Whittier
Art Unit	1634
Examiner Name	Carla J. Myers
Attorney Docket Number	HrdMgmtCIP

20	7105355	2006-09-12	Kurabayashi et al.
----	---------	------------	--------------------

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

U.S.PATENT APPLICATION PUBLICATIONS

Remove

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20060147894	A1	2006-07-06	Sowter	
	2	20040107150	A1	2000-06-03	Neas et al.	
	3	20030002027	A1	2003-01-02	Fritz	

If you wish to add additional U.S. Published Application citation information please click the Add button.

Add

FOREIGN PATENT DOCUMENTS

Remove

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	2001029538	WO		2001-04-26	Becton Dickinson and Company		<input type="checkbox"/>
	2	100998524	CN		2007-07-18	Beijing Glorious Land Agriculture Co.		<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

Add

NON-PATENT LITERATURE DOCUMENTS

Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
--------------------	---------	---	----------------

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	09879480
Filing Date	2001-06-12
First Named Inventor	Jack C. Whittier
Art Unit	1634
Examiner Name	Carla J. Myers
Attorney Docket Number	HrdMgmtCIP

1	Pursley, J.R. et al., Reproductive Management of Lactating Dairy Cows Using Synchronization of Ovulation; 1997 J. Dairy Sci 80:301-306	<input type="checkbox"/>
2	Bagnato, A., Genetic and Breeding; Phenotypic Evaluation of Fertility Traits and Their Association with Milk Production of Italian Friesian Cattle; 1994 J. Dairy Sci 77:874-882	<input type="checkbox"/>
3	Panskowski, J., A., et al. Use of Prostaglandin F2a as a Postpartum Reproductive Management Tool for Lactating Dairy Cows; 1995 J. Dairy Sci 78:1477-1488	<input type="checkbox"/>
4	Scipioni, R. L., et al., Short Communication: An Electronic Probe Versus Milk Progesterone as Aids for Reproductive Management of Small Dairy Herds; 1999 J. Dairy Sci 82:1742-1745	<input type="checkbox"/>
5	Fricke, P. M., Scanning the Future - Ultrasonography as a Reproductive Management Tool for Dairy Cattle; J. Dairy Sci 85:1918-1926	<input type="checkbox"/>
6	Grant, V. J., et al., Sex-Sorted Sperm and Fertility: An Alternative View; Biology of Reproduction 76, 184-188 (2007)	<input type="checkbox"/>
7	Garner, D. L., Sex-Sorting Mammalian Sperm: Concept to Application in Animals; Journal of Andrology, Vol. 22, No. 4 July/Aug. 2001	<input type="checkbox"/>
8	Tubman, L.M. et al., Characteristics of calves produced with sperm sexed by flow cytometry/cell sorting; 2004 Amer. Society of Animal Sciences; 82:1029-1036	<input type="checkbox"/>
9	Weigel, K. A., Exploring the Role of Sexed Semen in Dairy Production Systems; J. Dairy Sci. 87: (E.Suppl.): E120-E130; 2004 American Dairy Science Assoc.	<input type="checkbox"/>
10	Ferre, L., et al., In vitro-derived embryo production with sexed and unsexed semen from different bulls; Reproduction Fertility and Development, Vol 16, Part 1/2, Page 253, 2004	<input type="checkbox"/>
11	Dalton, J.C., et al., Effect of Time of Insemination on Number of Accessory Sperm, Fertilization Rate, and Embryo Quality in Nonlactating Dairy Cattle. J Dairy Sci. 84:2413 - 2418	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		09879480
Filing Date		2001-06-12
First Named Inventor	Jack C. Whittier	
Art Unit		1634
Examiner Name	Carla J. Myers	
Attorney Docket Number		HrdMgmtCIP

12	Dransfield, M.B.G., et al., Timing of Insemination for Dairy Cows Identified in Estrus by a Radiotelemetric Estrus Detection System. 1998 J Dairy Sci. 81: 1874 - 1882	<input type="checkbox"/>
13	Maatje, K. et al. Predicting Optimal Time of Insemination in Cows that Show Visual Signs of Estrus by Estimating onset of Estrus with Pedometers	<input type="checkbox"/>
14	Nebel, R.L. et al. Timing of Artificial Insemination of Dairy Cows: Fixed Time Once Daily Versus Morning and Afternoon 1994 J Dairy Sci. 77:3185 - 3191	<input type="checkbox"/>
15	Pursley, J. Richard, et al. Effect of Time of Artificial Insemination on Pregnancy Rates, Calving Rates, Pregnancy Loss, and Gender Ratio After Synchronization of Ovulation in Lactating Dairy Cows. 1998 J Dairy Sci. 81: 2139- 2144	<input type="checkbox"/>
16	Rozeboom, K. J. et al. Late Estrus or Metestrus Insemination After Estrual Inseminations Decreases Farrowing Rate and Litter Size in Swine J. Animal Sci. 1997. 75: 2323 - 2327	<input type="checkbox"/>
17	Peeler, I. D. et al. Pregnancy Rates After Times AI of Heifers Following Removal of Intravaginal Progesterone Inserts, J. Dair Sci., 87:2868-2873; 2004	<input type="checkbox"/>
18	Rath, D. Low Dose Insemination in the Sow - A Review, Reprod. Dom Anim. 37, 201-205 (2002) www.blackwell.de/synergy.	<input type="checkbox"/>
19	Lukaszewicz, M. et al. Attempts on freezing the Greylag (Anser anser L.) gander semen Animal Reproduction Science 80 (2004) 163-173	<input type="checkbox"/>
20	Foote, R. H. et al. Sperm Numbers Inseminated in Dairy Cattle and Nonreturn Rates Revisited 1997 J Dairy Science 80:3072-3076	<input type="checkbox"/>
21	Conley, H.H. et al. Intensification by Intrauterine Devices of Sperm Loss from the Sheep Uterus Biology of Reproduction 2, 401-407 (1970)	<input type="checkbox"/>
22	Chrenek, Peter et al. Fertilizing Capacity of Transgenic and Non-Transgenic Rabbit Spermatozoa after Heterospermic Insemination Bull Vet. Inst. Pulawy 49, 307-310, 2005	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		09879480
Filing Date		2001-06-12
First Named Inventor	Jack C. Whittier	
Art Unit	1634	
Examiner Name	Carla J. Myers	
Attorney Docket Number	HrdMgmtCIP	

23	Bakst, Murray R. Fate of Fluorescent Stained Sperm following Insemination: New Light on Oviculal Sperm Transport and Storage in the Turkey	<input type="checkbox"/>
24	Johnson L.A., et al. use of boar spermatozoa for artificial insemination, II. Fertilization Capacity of fresh and frozen spermatozoa in gilts inseminated either at a fixed time or according to walsmeta readings, Journal of Animal Science, vol. 54 No. 1, 1982 pp 126-131	<input type="checkbox"/>
25	Pursel, V. G., et al. Distribution and morphology of fresh and frozen-thawed sperm in the reproductive tract of gilts after artificial insemination; Biology of Reproduction 19, 69-76 (1978)	<input type="checkbox"/>
26	Parallel Canadian Application number 2,411,462; Filed 12/12/2002; Office action dated September 6, 2007	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.